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LISTING OF CLAIMS

1. (currently amended) A method for providing common data from a first source entity to a second entity, wherein said second entity is to perform processing on the common data at the request of said first source entity by more than ~~at least~~ one of a plurality of different service applications at said second entity using invocation-specific data, comprising the steps of :

transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than ~~at least~~ one of said plurality of different service applications;

storing the common data as stored data at said second entity;

associating a data handle to the stored data, wherein said first and said second entity each are aware of the handle; and

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invoking ~~at least one~~ service on said common data by using said data handle and invocation-specific data to invoke processing on the ~~that~~ common data by ~~at least one of~~ said plurality of different service applications.

2. (original) The method of Claim 1 further comprising storing the data handle with the stored data.

3. (previously presented) The method of Claim 1 wherein said transferring and said invoking are done simultaneously and wherein said method further comprises invoking at least one successive service on said common data by using said data handle after said storing and associating steps.

4. (previously presented) The method of Claim 1 wherein the first entity invokes the at least one service by providing at least service

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invocation-specific data and said data handle
to said second entity.

5. (currently amended) The method of Claim 1
wherein said first entity requests ~~invokes~~ a
plurality of services be invoked on said common
data by transferring a composite service
invocation to said second entity.

6. (original) The method of Claim 1 wherein
said associating of the handle is conducted at
the first entity and wherein the handle is
transferred to the second entity.

7. (previously presented) The method of Claim
1 wherein the associating of the handle is
conducted at the second entity and wherein the
handle is overtly communicated from the second
to the first entity.

8. (original) The method of Claim 1 wherein
said associating of the handle is performed by

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a third entity and communicated to said first and said second entity.

9. (previously presented) The method of Claim 1 wherein said associating of a handle is performed implicitly by the transfer of said common data.

10. (previously presented) The method of Claim 1 further comprising transforming said common data from a first representation to a second representation.

11. (original) The method of Claim 3 wherein said at least one service comprises data transfer across a network.

12. (previously presented) The method of Claim 3 wherein said at least one service comprises encryption of said common data.

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13. (original) The method of Claim 4 wherein said at least one service comprises file I/O by the second entity.

14. (original) The method of Claim 4 wherein the second entity comprises a kernel and wherein the service is provided by the second entity.

15. (currently amended) A system for providing data handling comprising:

a first source entity having first common data, said first source entity including a transmitting component for transmitting at least said first common data to a second entity and for requesting storage of said common data as stored data and an invocation component for generating at least one service invocation request comprising a data handle identifying said stored data and service invocation-specific data and for transferring

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said at least one service invocation request to
said second entity;

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a second entity for storing said common data
transmitted from said first source entity as
stored data, for receiving said at least one
service invocation request, for locating common
data on which to perform at least one service
based on said data handle, and for performing
at least one service on said common data by at
least one of a plurality of different service
applications at said second entity processing
said common data; and

at least one data handle component for
associating a data handle to the stored data
and for communicating said handle to said first
and said second entity.

16. (currently amended) The system of Claim 15
wherein said invocation component generates a
composite service invocation request comprising

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said data handle and service invocation information for a plurality of services to be performed using said common data.

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17. (original) The system of Claim 15 wherein said at least one data handle component comprises a component of said first entity.

18. (original) The system of Claim 15 wherein said at least one data handle component comprises a component of said second entity.

19. (original) The system of Claim 15 wherein said first entity is located in a separate protection domain from said second entity.

20. (currently amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for providing common data from a first source entity to a second entity, wherein said second entity is to

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perform processing by more than ~~at least~~ one of a plurality of different service applications at said second entity on the common data at the request of said first source entity using invocation-specific data, comprising the steps of :

transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than ~~at least~~ one of said plurality of different service applications;

storing the common data as stored data at said second entity;

associating a data handle to the stored data, wherein said first and said second entity each are aware of the handle; and

invoking ~~at least one~~ service on said common data by using said data handle and invocation-specific data to invoke processing on the ~~that~~ common data by ~~at least one of~~ said plurality of different service applications.